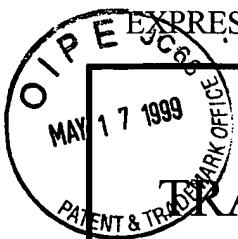


SECTOR #



EXPRESS MAIL NO.:EL280661385US

TRANSMITTAL FORM

Application Serial Number	09/248,964
Filing Date	February 12, 1999
First Named Inventor	Wucherpfennig
Group Art Unit	1646
Examiner Name	Not Assigned
Attorney Docket No.	HAR-005

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553)	<input type="checkbox"/> Appeal Communication to Board of Patent Appeals and Interferences
<input checked="" type="checkbox"/> Check Attached	<input type="checkbox"/> Formal Drawing(s)	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Copy of Fee Transmittal Form	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Amendment/Response	<input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)	<input checked="" type="checkbox"/> Return Receipt Postcard
<input type="checkbox"/> After Final	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8
<input type="checkbox"/> Affidavits/declaration(s)	<input checked="" type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application	<input type="checkbox"/> Additional Enclosure(s) (please identify below)
<input type="checkbox"/> Letter to Official Draftsperson including Drawings	<input checked="" type="checkbox"/> Small Entity Statement (2)	
[Total Sheets _____]	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> After Allowance Communication to Group	
<input type="checkbox"/> Information Disclosure Statement		
<input type="checkbox"/> Form PTO-1449		
<input type="checkbox"/> Copies of IDS Citations		
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application		

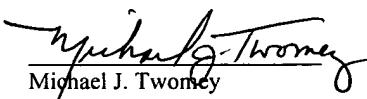
CORRESPONDENCE ADDRESS

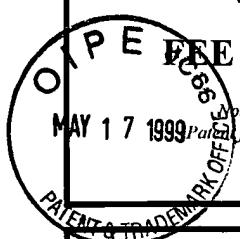
SIGNATURE BLOCK

Direct all correspondence to: Patent Administrator
 Testa, Hurwitz & Thibeault, LLP
 High Street Tower
 125 High Street
 Boston, MA 02110
 Tel. No.: (617) 248-7000
 Fax No.: (617) 248-7100

Date: May 17, 1999
 Reg. No. 38,349
 Tel. No.: (617) 248-7362
 Fax No.: (617) 248-7100

Respectfully submitted,


 Michael J. Twomey
 Atty/Agent for Applicant(s)
 Testa, Hurwitz & Thibeault, LLP
 High Street Tower
 125 High Street
 Boston, MA 02110



FEE TRANSMITTAL

Note: Effective October 1, 1997.
Patent fees are subject to annual revision

Complete if Known	
Application Serial Number	09/248,964
Filing Date	February 12, 1999
First Named Inventor	Wucherpfennig
Group Art Unit	1646
Examiner Name	Not Assigned
Attorney Docket No.	HAR-005

METHOD OF PAYMENT

1. Payment Enclosed:
 Check Money Order Other

2. The Commissioner is hereby authorized to credit or charge any fee indicated below to Deposit Account No. 20-0531.

Required Fees (copy of this sheet enclosed).
 Additional fee required under 37 CFR 1.16 and 1.17.
 Overpayment Credit.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
130	65	Surcharge - late filing fee or oath	65.00
50	25	Surcharge - late provisional filing fee or	
130	130	Non-English specification	
2,520	2,520	For filing a request for reexamination	
110	55	Extension for reply within first month	
380	190	Extension for reply within second month	
870	435	Extension for reply within third month	
1,360	680	Extension for reply within fourth month	
1,850	925	Extension for reply within fifth month	
300	150	Notice of Appeal	
300	150	Filing a brief in support of an appeal	
260	130	Request for oral hearing	
130	130	Petitions to the Commissioner	
50	50	Petitions related to provisional applications	
240	240	Submission of Information Disclosure Statement (37 CFR 1.97(c))	
130	130	Submission of Information Disclosure Statement (37 CFR 1.97(d))	
760	380	Filing a submission after final rejection (37 CFR 1.129(a))	
760	380	For each additional invention to be examined (37 CFR 1.129(b))	
		Other (Specify)	

FEE CALCULATION

1. FILING FEE

Large Entity		
Fee (\$)	Fee Description	Fee Paid
760	Utility filing fee	
310	Design filing fee	
150	Provisional filing fee	

	Number Filed	Number Extra	Rate	Amount
Total Claims	- 20 =		x \$ 18.00 =	

Independent Claims	- 3 =	x \$ 78.00 =

<input type="checkbox"/> Multiple Dependent Claim(s), if any	\$260.00 =
TOTAL:	

SMALL ENTITY DISCOUNT:
 SUBTOTAL (1) (\$)

2. AMENDMENT CLAIM FEES

Claims Remaining After Amend.	Highest No. Previously Paid For	Present Extra	Rate	Fee Paid
Total	- =		x \$ 18.00 =	
Indep.	- =		x \$ 78.00 =	
<input type="checkbox"/> First Presentation of Multiple Dep. Claim			+ \$260.00 =	

TOTAL:	(\$)
SMALL ENTITY DISCOUNT:	(\$)
SUBTOTAL (2)	(\$)

SUBTOTAL (3) (\$) 65.00

SUBTOTAL (1) (\$) 0.00
SUBTOTAL (2) (\$) 0.00
SUBTOTAL (3) (\$) 65.00

TOTAL (\$) 65.00

CORRESPONDENCE ADDRESS

Direct all correspondence to:

Patent Administrator
 Testa, Hurwitz & Thibeault, LLP
 High Street Tower
 125 High Street
 Boston, MA 02110
 Tel. No.: (617) 248-7000
 Fax No.: (617) 248-7100

SIGNATURE BLOCK

Respectfully submitted,

Michael J. Twomey
 Michael J. Twomey
 Attorney for the Applicants
 Testa, Hurwitz & Thibeault, LLP
 High Street Tower, 125 High Street
 Boston, MA 02110



PATENT
Attorney Docket No. HAR-005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Wucherpfennig et al.
 SERIAL NO.: 09/248,964 GROUP NO.: 1646
 FILING DATE: February 12, 1999 EXAMINER: Not yet assigned
 TITLE: MONOVALENT, MULTIVALENT, AND MULTIMERIC MHC
 BIDNING DOMAIN FUSION PROTEINS AND CONJUGATES,
 AND USES THEREFORE

Attn: Box Missing Parts
 Assistant Commissioner for Patents
 Washington, D.C. 20231

Sir:

Response to Notice to File Missing Parts

In response to the Notice to file Missing Parts mailed March 17, 1999, Applicants submit the following: Transmittal Form; Fee Transmission; Copy of Notice to File Missing Parts of Application; Executed Declaration and Power of Attorney; Statement Claiming Small Entity Status (2); a check in the amount of \$65.00 for surcharge fee; and Return Receipt Postcard.

It is respectfully requested that the amendments be entered and that the application be advanced to examination.

Respectfully submitted,

Date: May 17, 1999

Reg. No. 38,349

Tel. No. (617) 248-7362
 Fax: (617) 248-7100

Michael J. Twomey
 Michael J. Twomey
 Attorney for Applicants
 Testa, Hurwitz, & Thibeault
 High Street Tower
 125 High Street
 Boston, Massachusetts 02110

**UNITED STATES DEPARTMENT OF COMMERCE****Patent and Trademark Office**Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

PATENT & TRADEMARK NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
09/248,964	02/12/99	WUCHERPENNIG	K HAR-005

021323
TESTA HURWITZ & THIBEAULT
HIGH STREET TOWER
125 HIGH STREET
BOSTON MA 02110

0242/0317

NOT ASSIGNED

1646

DATE MAILED: 03/17/99

NOTICE TO FILE MISSING PARTS OF APPLICATION
Filing Date Granted

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of \$65.00 for a small entity in compliance with 37 CFR 1.27, or \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a small entity (statement filed) non-small entity is \$ 130.

1. The statutory basic filing fee is:

missing.
 insufficient.

Applicant must submit \$ 130 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

2. The following additional claims fees are due:

\$ 130 for 130 total claims over 20.

\$ 130 for 130 independent claims over 3.

\$ 130 for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

3. The oath or declaration:

is missing or unsigned.
 does not cover the newly submitted items.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

7. Your filing receipt was mailed in error because your check was returned without payment.

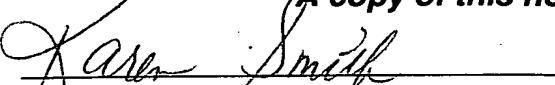
8. The application was filed in a language other than English.

Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.16(e), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).

9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

A copy of this notice MUST be returned with the reply.


Customer Service Center

Initial Patent Examination Division (703) 308-1202

05/20/1999 SSN/EEKU 000000021 09248900

01 FC:205

U.S. GPO: 1998-446-824